Electronic Acknowledgement Receipt				
EFS ID:	5927456			
Application Number:	10674730			
International Application Number:				
Confirmation Number:	3974			
Title of Invention:	Broadband interference cancellation			
First Named Inventor/Applicant Name:	Alan E. Waltho			
Customer Number:	21186			
Filer:	Suneel Arora/Amy Moriarty			
Filer Authorized By:	Suneel Arora			
Attorney Docket Number:	884.908US1			
Receipt Date:	20-AUG-2009			
Filing Date:	30-SEP-2003			
Time Stamp:	17:42:49			
Application Type:	Utility under 35 USC 111(a)			

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$670
RAM confirmation Number	3650
Deposit Account	190743
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.
1		884908us1oresponse.PDF	667806	yes	17
'		604908us Foresponse.r Dr	8d190a31d38278b8324d00272bda708774 0bbc37	yes	
	Multip	part Description/PDF files in	zip description		
	Document Description		Start	End	
	Miscellaneous Incoming Letter		1	1	
	Extension of Time		2	2	
	Amendment/Req. Reconsideration-After Non-Final Reject		3	3	
	Claims		4	9	
	Applicant Arguments/Remarks Made in an Amendment		10	14	
	Transmittal Letter		15	16	
	Information Disclosure Statement (IDS) Filed (SB/08)		17	17	
Warnings:					
Information:		I			
2	Foreign Reference	EP_801474.pdf	788923	no no	15
			4996:8ds1cad3cde7eb3c038a48f160f5c33 949		
Warnings:					
Information:					
3	Foreign Reference	WO_97015991_Cited_in_JP.pd	1131923	no	26
			14a.c3.d02c3dc28134a.5fbccd6085a9e58 670		
Warnings:					
Information:					
4	NPL Documents	summary of jp of fice action.pdf	54740 tatab7dt3fee07e1d665e9e547380967d31	no	2
		I	86410		
Warnings: Information:					

5 Foreign Reference	Foreign Reference	JP2001028562.pdf	523658	no	25			
	31 2001020302.pui	2be414Rcc3ds2948f1s2f899c9474s49975 34f2		25				
Warnings:								
Information:								
6 Fee Worksheet (PTO-875)	fee-info.pdf	31908	no	2				
		e5d35e3k6c9915d850c18tda558Hecs3ts2 6829						
Waynings								

Warnings:

Information:

Total Files Size (in bytes):

3198958

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.